

**Purdue University  
College of Pharmacy**

Plan of Study for Pre-Doctor of Pharmacy at **Ivy Tech Community College**

|                                     |                                                                            |            |
|-------------------------------------|----------------------------------------------------------------------------|------------|
| <b>General Chemistry</b>            | General Chemistry I                                                        | CHEM 105*  |
|                                     | General Chemistry II                                                       | CHEM 106*  |
| <b>Organic Chemistry</b>            | Organic Chemistry I                                                        | CHEM 211   |
|                                     | Organic Chemistry II                                                       | CHEM 212   |
| <b>Biochemistry</b>                 | Equivalency Unavailable                                                    |            |
| <b>Biology</b>                      | General Biology I                                                          | BIOL 121** |
|                                     | General Biology II                                                         | BIOL 122** |
| <b>Microbiology</b>                 | General Microbiology                                                       | BIOL 201   |
| <b>Anatomy &amp; Physiology</b>     | Anatomy & Physiology I                                                     | APHY 101   |
|                                     | Anatomy & Physiology II                                                    | APHY 102   |
|                                     | Anatomy & Physiology I/II Advanced                                         | APHY 201   |
| <b>Physics</b>                      | Physics I                                                                  | PHYS 101   |
| <b>Calculus</b>                     | Brief Calculus I                                                           | MATH 201   |
| <b>Statistics</b>                   | Statistics                                                                 | MATH 200   |
| <b>English/Writing</b>              | English Composition                                                        | ENGL 111   |
| <b>Economics</b>                    | Economics Fundamentals                                                     | ECON 101   |
| <b>Communications</b>               | Fundamentals Public Speaking                                               | COMM 101   |
| <b>Social Science/Humanities</b>    | Prefer a course in philosophy, logic, ethics, intercultural communications |            |
| <b><u>One of the following:</u></b> |                                                                            |            |
| <b>Immunology (RECOMMENDED)</b>     | Equivalency Unavailable                                                    |            |
| <b>Genetics</b>                     | Equivalency Unavailable                                                    |            |
| <b>Cancer Biology</b>               | Equivalency Unavailable                                                    |            |
| <b>Molecular Biology</b>            | Equivalency Unavailable                                                    |            |
| <b>Cellular Biology</b>             | Equivalency Unavailable                                                    |            |

\* CHEM 125 and 126 may be substituted for CHEM 105 and 106

\*\* BIOL 105 (Biology I) and 107 (Biology II) may be substituted for BIOL 121 and 122

A minimum total of 62 credit hours (includes advanced placement, department credit, pass/not pass, etc.) is required to meet admission requirements. A minimum of 72 credit hours is required to qualify for professional financial aid (including loans).

This plan of study is specifically designed for Ivy Tech Community College students preparing to apply for admission to the Doctor of Pharmacy program at Purdue University College of Pharmacy. Additional information about the College and professional program admissions is located at [www.pharmacy.purdue.edu](http://www.pharmacy.purdue.edu).

Before applying for admission to Purdue University College of Pharmacy, you should contact the Office of Student Services, (765) 496-6885, [pharmacy-admissions@purdue.edu](mailto:pharmacy-admissions@purdue.edu), for current and accurate information. You must use the Pharmacy College Application Service (PharmCAS, [www.pharmcas.org](http://www.pharmcas.org)) to make an application. Purdue does not require the Pharmacy College Admission Test (PCAT). The information contained in this document is subject to change as a result of action by federal and/or state governments, the trustees of Purdue University, the administration of Purdue University, and the faculty of the College of Pharmacy.

Revised: July 2025